



PATENT  
Customer No. 22,852  
Attorney Docket No. 04208.00083

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Masahiro YAMAMOTO**

Serial No: 09/648,372

Filed: August 25, 2000

For: PATTERN INSPECTION  
APPARATUS, PATTERN  
INSPECTION METHOD, AND  
RECORDING MEDIUM

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)  
) Group Art Unit: 2623  
)  
) Examiner: Vikkram Bali  
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**Mail Stop Petition**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**PETITION FOR CORRECTION OF INVENTORSHIP  
IN A PATENT APPLICATION UNDER 37 C.F.R. § 1.48(a)**

Pursuant to 37 C.F.R. § 1.48(a), NanoGeometry Research ("Assignee") hereby requests that Tadashi Kitamura be added as a co-inventor in the above-identified patent application. Currently, this application only includes Masahiro Yamamoto as an inventor.

This Request is accompanied by: (1) a Statement from Tadashi Kitamura that the error in inventorship occurred without deceptive intention on his part; (2) a Declaration by the actual inventors; and (3) a Consent of Assignee, agreeing to the correction of inventorship. As set forth in 37 C.F.R. § 1.17(i), a processing fee of \$130.00 accompanies this Request.

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If any additional fees are required in connection with this Request, please charge such fees to Deposit Account No. 06-0916. Please credit any overpayment to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: September 3, 2004

By: 

David L. Soltz  
Reg. No. 34,731



## DECLARATION AND POWER OF ATTORNEY

I, the below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **PATTERN INSPECTION APPARATUS, PATTERN INSPECTION METHOD, AND RECORDING MEDIUM** the specification of which was filed on August 25, 2000, as United States Application No. 09/648,372 and Confirmation No. 5413.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States, listed below and have also identified below, any foreign application(s) for patent or inventor's certificate, or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed:

Country	Application Number	Date of Filing	Priority Claimed Under 35 U.S.C. 119
Japan	11-239586	August 26, 1999	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Japan	2000-078847	March 21, 2000	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number	Date of Filing

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Number	Date of Filing	Status (Patented, Pending, Abandoned)

I hereby appoint the following attorney and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852.**

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full Name of First Inventor Masahiro YAMAMOTO	Inventor's Signature <i>M. Yamamoto</i>	Date Sep. 01, 2004
Residence c/o NANOGEOMETRY RESEARCH, KSP East 601,3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan		
Post Office Address c/o NANOGEOMETRY RESEARCH, KSP East 601,3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan		
Full Name of Second Inventor Tadashi KITAMURA	Inventor's Signature <i>T. Kitamura</i>	Date SEP 01, 2004
Residence c/o NANOGEOMETRY RESEARCH, KSP East 601,3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan		
Post Office Address c/o NANOGEOMETRY RESEARCH, KSP East 601,3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan		



**PATENT**  
Customer No. 22,852  
Attorney Docket No. 04208-0083

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In re Application of:

**Masahiro YAMAMOTO**

Serial No: 09/648,372

Filed: August 25, 2000

For: PATTERN INSPECTION  
APPARATUS, PATTERN  
INSPECTION METHOD, AND  
RECORDING MEDIUM

Group Art Unit: 2623

**Examiner: Vikkram Bali**

STATEMENT UNDER 37 C.F.R. § 1.48(d)

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.48(d), I Tadashi Kitamura, should be added as an inventor in the above-identified provisional application. The inventorship error occurred without any deceptive intent on my part.

All statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: SEP 01, 2004

By: Tadashi Kitamura  
Tadashi Kitamura



PATENT  
Customer No. 22,852  
Attorney Docket No. 4208.0083

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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**CONSENT OF ASSIGNEE TO CORRECTION  
OF INVENTORSHIP UNDER 37 C.F.R. § 1.48  
AND STATEMENT UNDER 37 C.F.R. § 3.73(b)**

Nanogeometry Research ("Assignee") is the owner of the entire right, title, and interest in U.S. Patent Application No. 09/648,372 by virtue of assignments from Masahiro Yamamoto and Tadashi Kitamura to Assignee attached hereto. Assignee hereby agrees to the change of inventorship in the above-captioned patent application to add Tadashi Kitamura as an inventor.

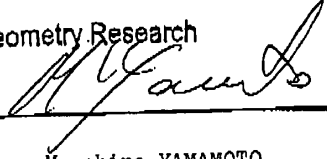
Customer No. 22,852  
Attorney Docket No. 5823.0236-00

The undersigned is empowered to act on behalf of Assignee, Nanogeometry

Research in this matter.

Date: Sep, 01, 2004

Nanogeometry Research

By: 

Name: Masahiro YAMAMOTO

Title: President CEO

SOLE/JOINT INVENTION  
(U.S. Rights Only)  
Attorney Docket No. [Text]

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

PATTERN INSPECTION APPARATUS, PATTERN INSPECTION METHOD, AND RECORDING MEDIUM  
for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on August 25, 2000 (Application No. 09/648,372); and

WHEREAS, Nanogeometry Research  
a corporation of Japan

whose post office address is KSP East 601,3-2-1, Sakado, Takatsu-ku,  
Kawasaki-shi, Kanagawa 213-0012, Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/648,372, filed August 25, 2000) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Tadashi Klamura	ASSIGNOR'S SIGNATURE <i>T. Klamura</i>	DATE SEP 01, 2004
ADDRESS c/o Nanogeometry Research, KSP East 601,3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012, Japan		CITIZENSHIP Japan

**RECEIVED**

SEP 09 2004

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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: PATTERN INSPECTION APPARATUS, PATTERN INSPECTION METHOD AND RECORDING MEDIUM

for which I/WE executed an application for United States Letters Patent concurrently herewith or on August 25, 2000 or filed an application for United States Letters Patent on XXXXXXX (Serial No. 09/648,372); and

WHEREAS, NANOGEOMETRY RESEARCH  
a corporation of Japan, whose post office address is KSP W421B, 3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/648,372, filed August 25, 2000) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's signature	: Date
Masahiro YAMAMOTO	: December 19, 2000
Address : c/o NANOGEOMETRY RESEARCH, KSP W421B, 3-2-1, Sakado,	: Citizenship
Takatsu-ku, Kawasaki-shi, Kanagawa, Japan	: Japan
2. Full Name of Second Assignor : Assignor's signature	: Date
Address :	: Citizenship
3. Full Name of Third Assignor : Assignor's signature	: Date
Address :	: Citizenship